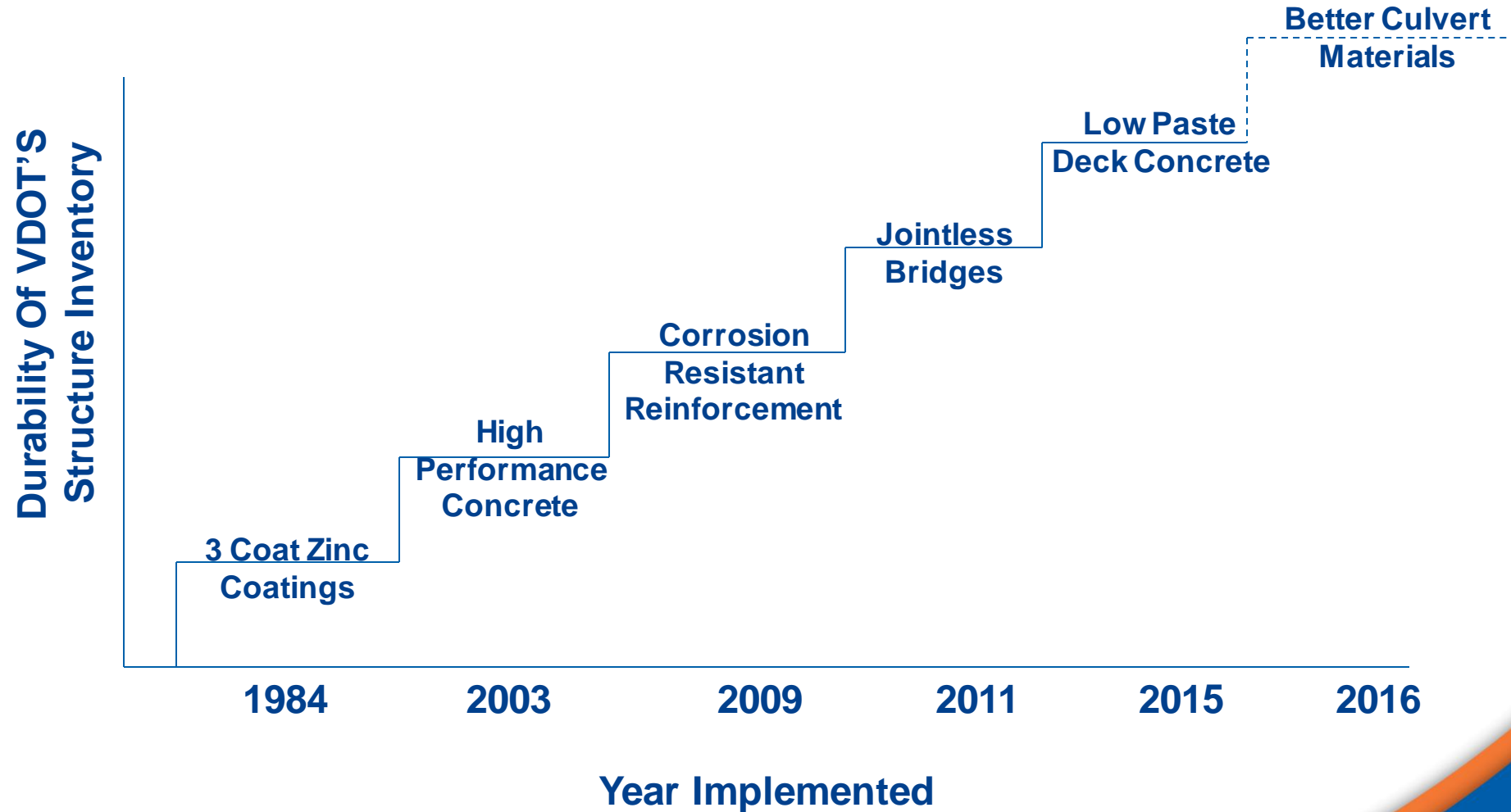


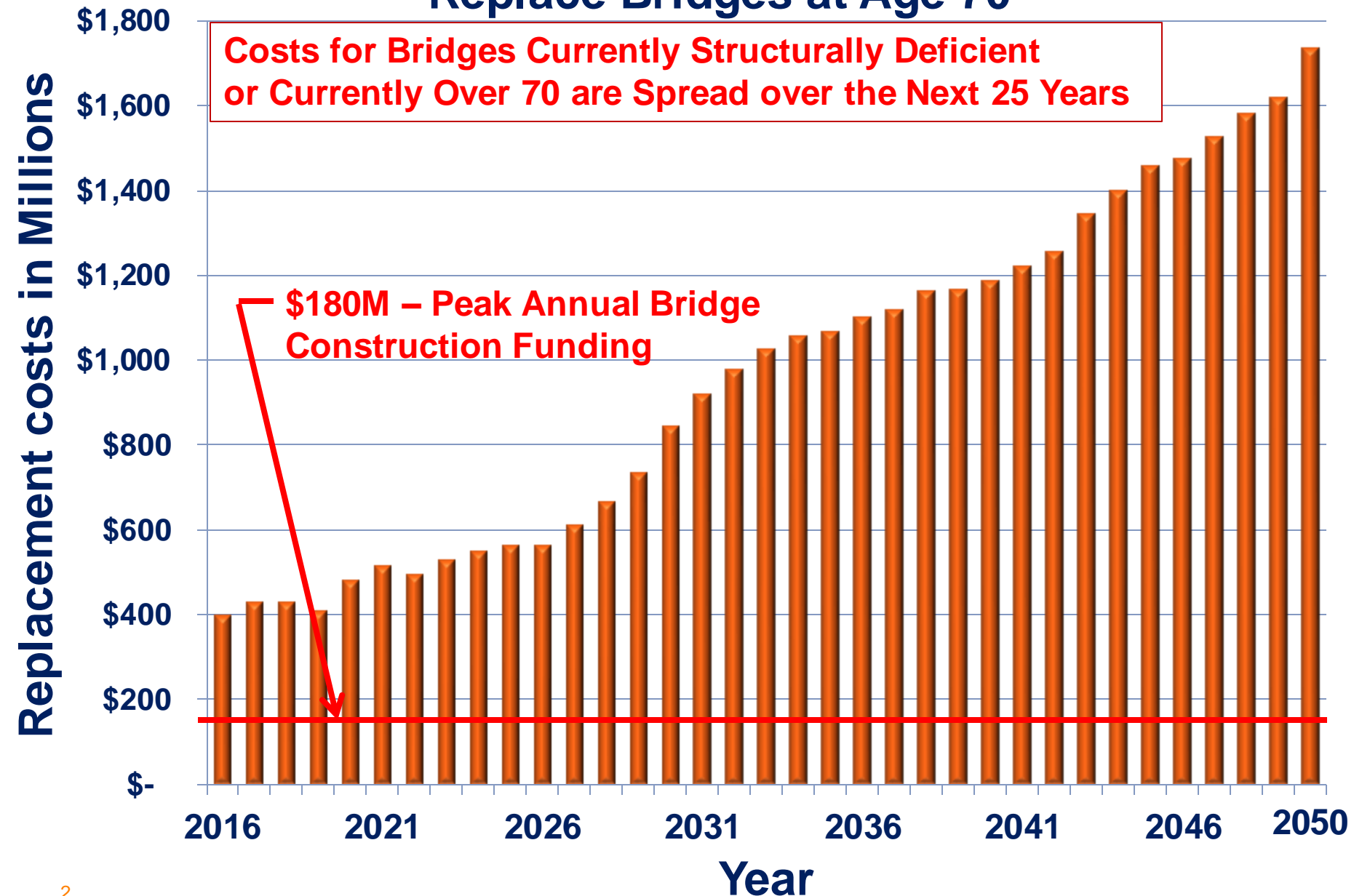
Bridge Durability – New Construction

Emphasis on Value of Investment

Small Cost Increases Substantially Improving Durability



Total Replacement Costs – 35 Year Outlook to Replace Bridges at Age 70



35 Year Funding Outlook to Replace Bridges at Age 70



Investment Strategies

Preservation Strategies



Fast Track Hydrodemolition

Fast Track Hydrodemolition



Concrete Overlays



I-64 over Shockoe Valley After Overlay



Eliminating joints by constructing joint closures at piers



Eliminating joints by constructing joint closures at piers

